

Proposal Full View

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Applicant Information

Organization Name San Luis and Delta Mendota Water Authority - *

Tax ID **521717350**

Proposal Name Westside-San Joaquin Implementation Grant Application *

Proposal Objective The Westside-San Joaquin Prop 84 Implementation Grant application is intended to help further progress toward achieving the objectives of the Westside Integrated Water Resources Plan (WIWRP). Last adopted by the San Luis & Delta-Mendota Water Authority Board of Directors in 2006, the current version of the WIWRP represents the third revision since its first inception in 1999. While the WIWRP is currently undergoing its 4th evolution, to comport with new State standards, to expand regional participation, and to reassess regional water management strategies and priorities in the face of ever changing environmental and regulatory conditions, its established objectives remain relevant. Those are: 1) Ecosystem Restoration 2) Environmental and Habitat Protection and Improvement 3) Water Supply Reliability 4) Flood Management 5) Groundwater Management 6) Recreation 7) Storm Water Management 8) Water Conservation 9) Water Quality Improvement 10) Water Recycling 11) Wetlands Enhancement The overarching goal of the WIWRP is to minimize regional conflict by addressing the most problematic sources of tension affecting our agricultural, municipal, and environmental water use, namely water supply sufficiency and reliability, drainage, and water quality. The Westside-San Joaquin Prop 84 Implementation Grant application proposes 4 separate projects that will advance regional objectives and assist us in reaching our collective goal. *

Budget

Other Contribution	\$0.00
Local Contribution	\$4,365,081.00
Federal Contribution	\$0.00
Inkind Contribution	\$0.00
Amount Requested	\$12,443,653.00 *
Total Project Cost	\$16,808,734.00 *

Geographic Information

Latitude * DD(+/-) MM SS

Longitude * DD(+/-) MM SS

Longitude/Latitude Clarification SLDMWA Administrative Office Location City of Los Banos

County San Joaquin,Stanislaus,Merced,Fresno,Kings *

Ground Water Basin San Joaquin Valley-Delta-Mendota,San Joaquin Valley-Pleasant Valley,San Joaquin Valley-Tracy,San Joaquin Valley-Westside

Hydrologic Region San Joaquin,Tulare Lake

Watershed San Joaquin River and Tulare Lake

Legislative Information

Assembly District 17th Assembly District,30th Assembly District,31st Assembly District *

Senate District 12th Senate District,14th Senate District,16th Senate District *

US Congressional District District 11 (CA),District 18 (CA),District 19 (CA),District 20 (CA) *

Project Information

Project Benefits Information

Project Name City of San Joaquin Water Meter Installatio

Project Benefit Type	Benefit Type	Measurement	Description
Primary	Water Use Efficiency - Conservation-Best Mgt. Practices	0	Installation of water meters on 640 existing residential services

Budget

Other Contribution	0
Local Contribution	0
Federal Contribution	0
Inkind Contribution	0
Amount Requested	992600
Total Project Cost	992600

Geographic Information

Latitude DD(+/-)	36	MM 36	SS 56
Longitude DD(+/-)	120	MM 12	SS 34
Longitude/Latitude Clarification		Location	City of San Joaquin

County	Fresno
Ground Water Basin	San Joaquin Valley-Kings
Hydrologic Region	Tulare Lake
WaterShed	

Legislative Information

Assembly District	31st Assembly District
Senate District	16th Senate District
US Congressional District	District 20 (CA)

Project Information**Project Benefits Information**

Project Name City of Firebaugh Well # 7 Replacement Pr

Project Benefit Type	Benefit Type	Measurement	Description
Primary	Other-New Water Supply Facilities	0	1. A project that will replace an existing well that is a major source of drinking water for a DAC and is experiencing both extremely low levels of production and increasing levels of arsenic contamination. Through this project the City of Firebaugh will replace that well with a new facility that will provide the regional benefit of a more reliable water supply and higher quality water

Budget

Other Contribution	0
Local Contribution	140000
Federal Contribution	0
Inkind Contribution	0
Amount Requested	665000
Total Project Cost	805000

Geographic Information

Latitude DD(+/-)	36	MM 51	SS 17
Longitude DD(+/-)	120	MM 26	SS 37
Longitude/Latitude Clarification		Location	1803 River Lane, Fire

County	Fresno
Ground Water Basin	San Joaquin Valley-Westside

Hydrologic Region	San Joaquin
WaterShed	Delta - Mendota Canal

Legislative Information

Assembly District	31st Assembly District
Senate District	16th Senate District
US Congressional District	District 20 (CA)

Project Information**Project Benefits Information**

Project Name

City of Tracy Water Recycling Project

Project Benefit Type	Benefit Type	Measurement	Description
Primary	Water Use Efficiency - Recycling-Land Irrigated	0	A project that will allow the City of Tracy to develop a recycled water delivery system to provide recycled wastewater for irrigators and offset the current use of surface water for that purpose.

Budget

Other Contribution

0

Local Contribution

1225000

Federal Contribution

0

Inkind Contribution

0

Amount Requested

1677606

Total Project Cost

2902606

Geographic Information

Latitude DD(+/-)

37

MM 45

SS 56

Longitude DD(+/-)

121

MM 25

SS 18

Longitude/Latitude Clarification

Location

City of Tracy, Californ

County	San Joaquin
Ground Water Basin	San Joaquin Valley-Westside
Hydrologic Region	San Joaquin
WaterShed	San Joaquin River

Legislative Information

Assembly District	17th Assembly District
Senate District	5th Senate District
US Congressional District	District 11 (CA)

Project Information**Project Benefits Information**

Project Name

West Stanislaus Irrigation District (WSID) and Del Puerto Water Di

Project Benefit Type	Benefit Type	Measurement	Description
Primary	Fish Passage/Screens	0	: WSID is currently conducting a feasibility study on the construction of a fish screen intake at the WSID SJR diversion. Funding for the final design, environmental

			compliance, and permitting for the fish screen intake is being requested as part of Phase 1 of the WSE Project.
Primary	Other-Improved Water Supply Facilities	75000	As part of Phase 2 of the Project, Pump Stations 1A and 3A and associated pipelines will be constructed to replace existing Pump Stations 1 – 4. The new pump stations will increase the conveyance capacity of the Main Canal system and increase the annual amount of SJR water that can be conveyed, stored, rescheduled, transferred or exchanged up to 75,000 AFY.
Primary	Other-New Water Supply Facilities	50000	Construction of an Intertie between the WSID Main Canal and the Delta Mendota Canal (DMC) will enable WSID to convey, store, reschedule, transfer and/or exchange San Joaquin River (SJR) water and other water that may become available south of the Delta. This is a Phase 1 WSE Project facility.
Primary	Water Use Efficiency - Recycling-Water Supply Enhancement	32900	Construction of an Intertie between the WSID Main Canal and the Delta Mendota Canal (DMC) will enable WSID to convey recycled water discharged to the SJR by the cities of Modesto and Turlock as part of the Northern San Joaquin Valley Water Reclamation Project to the DMC for delivery to DPWD.

Budget

Other Contribution	0
Local Contribution	3100081
Federal Contribution	0
Inkind Contribution	0
Amount Requested	9108447
Total Project Cost	12208528

Geographic Information

Latitude DD(+/-)	37	MM 33	SS 35
Longitude DD(+/-)	121	MM 14	SS 29
Longitude/Latitude Clarification	Location Project facilities are located along the WSID Main Canal betw		

County	Stanislaus
Ground Water Basin	San Joaquin Valley-Delta-Mendota
Hydrologic Region	San Joaquin
WaterShed	Delta-Mendota Canal

Legislative Information

Assembly District	17th Assembly District
Senate District	12th Senate District
US Congressional District	District 18 (CA)

Section : Applicant Information and Question's Tab

APPLICANT INFORMATION AND QUESTION'S TAB

Q1. PROPOSAL DESCRIPTION

Provide a brief abstract of the Proposal, including a listing of individual project titles or types. Please note which projects, if any, directly address a critical water supply or water quality issue for a DAC or Native American Tribal communities.

The Westside-San Joaquin Prop 84 Implementation Grant application is intended to help further progress toward achieving the objectives of the Westside Integrated Water Resources Plan (WIWRP). The WIWRP is currently undergoing its 4th evolution, to comport with new State standards, to expand regional participation, and to reassess regional water management strategies and priorities in the face of ever changing environmental and regulatory conditions, its established objectives remain relevant. Those are: 1) Ecosystem Restoration 2) Environmental and Habitat Protection and Improvement 3) Water Supply Reliability 4) Flood Management 5) Groundwater Management 6) Recreation 7) Storm Water Management 8) Water Conservation 9) Water Quality Improvement 10) Water Recycling 11) Wetlands Enhancement The Westside-San Joaquin Prop 84 Implementation Grant application proposes 4 separate projects that will advance regional objectives and assist us in reaching our collective goal. To accomplish this, the application proposes to implement the following: 1. This is a critical water supply and water quality project. The ground water supply for the City of Firebaugh, a Disadvantaged Community, is suffering from arsenic intrusion. The City is in desperate need to develop a new water supply well. This replacement source of water will provide the City much needed water supply reliability and improve water quality that could potentially affect the health and safety of Firebaugh's citizens. Without assistance, Firebaugh is at risk of not being able to continue to provide potable drinking water to its citizens. This proposed project contributes to WIWRP Objectives 3 and 9. 2. West Stanislaus Irrigation District (WSID) and Del Puerto Water District propose to extend existing WSID conveyance facilities to interconnect the San Joaquin River and Delta Mendota Canal to enhance regional water supplies and supply reliability and to improve operational flexibility of the WSID conveyance and delivery system. The proposed project also includes the next phase (final design, environmental documentation and permitting) of the on-going project to screen the existing WSID diversion on the San Joaquin River. Implementation of the proposed project could also aid in storm water management by capturing temporarily surplus San Joaquin River storm water for higher beneficial use, groundwater management by enhancing opportunities to utilize temporarily surplus or transfer surface supplies thereby diminishing reliance upon groundwater sources, and water quality improvements in the Delta-Mendota Canal, which could also result in wetlands habitat improvement. This proposed project contributes to WIWRP Objectives 1, 2, 3, 4, 5, 7, and 9. 3. The City of Tracy proposes to recycle their wastewater for irrigation purposes rather than continuing to discharge that volume into the Delta. In addition to the direct water conservation and supply benefits, reducing discharges into the Delta could provide indirect environmental benefits. As urbanization in the City of Tracy continues, the City's demand for water from the Delta will increase. The implementation of the recycled water program reduces the amount of the anticipated increase thereby reducing the City's future, currently planned water supply needs. This proposed project contributes to WIWRP Objectives 2, 3, 5, 6, 8, 9, and 10. 4. The City of San Joaquin, a Disadvantaged Community, proposes to install water meters on up to 70% of their existing residential accounts in order to promote a 20% reduction in water consumption. In the second phase of this project, the City will meter the balance of residential and commercial accounts. The proposed project contributes to WIWRP Objectives 3, 5, and 8.

Q2. PROJECT DIRECTOR

Provide the name and details (including email) of the person responsible for executing the grant agreement for the applicant. Persons that are subcontractors to be paid by the grant cannot be listed as the Project Director.

Ara Azhderian Phone number: (209) 826-9696 Email: ara.azhderian@sldmwa.org

Q3. PROJECT MANAGEMENT

Provide the name and contact information (including email) of the Project Manager from the applicant agency or organization that will be the day-to-day contact on this application.

Ara Azhderian Phone number: (209) 826-9696 Email: ara.azhderian@sldmwa.org

Q4. APPLICANT INFORMATION

Provide the agency name, address, city, state, and zip code of the applicant submitting the application.

San Luis Delta Mendota Water Authority P.O. Box 2157 842 6th Street, Suite 7 Los Banos, CA 93635

Q5. ADDITIONAL INFORMATION

Provide the funding area(s) in which projects are located.

http://www.water.ca.gov/irwm/integregio_fundingarea.cfm

Trans-SanJoaquin-Tulare/Kern Funding Area

Q6. RESPONSIBLE REGIONAL WATER QUALITY CONTROL BOARD(S)

List the name of the Regional Water Quality Control Board (RWQCB) in which your proposal is located. For a region that extends beyond more than one RWQCB boundary, list the name of each Board.

http://www.waterboards.ca.gov/waterboards_map.shtml

The Regional Water Quality Control Board is the Central Valley (both Fresno and Sacramento offices)

Q7. ELIGIBILITY

Proposition 84 requires a minimum funding match of 25% of total project cost unless there is a DAC project included in the proposal. Requirements for DAC funding match reductions are included in Exhibit G of this PSP. If your matching funds are less than 25%, please explain.

Not Applicable.

Q8. ELIGIBILITY

Does the application represent a single application from an IRWM Region approved in the RAP (see Section II.B, Table 1)? If yes, include the name of the IRWM Region. If not, explain.

Yes, Westside-San Joaquin Region

Q9. ELIGIBILITY

Is the applicant a local agency or non-profit organization as defined in Appendix B of the Grant Guidelines?

a) ☒ Yes

b) ☐ No

Q10. ELIGIBILITY

List the urban water suppliers that will receive funding from the proposed grant. Those listed must submit self certification of compliance with CWC §525 et seq. and AB 1420. If there are none, so indicate and you do not have to answer Q11 and Q12.

City of Tracy

Q11. ELIGIBILITY

Have all of the urban water suppliers, listed in Q10 above, submitted complete 2005 Urban Water Management Plans (UWMP) to DWR? Have those plans been verified as complete by DWR? If not, explain and provide the anticipated date for having a complete UWMP. Will all of the urban water suppliers listed in Q10, along with any additional urban water suppliers that meet the urban water supplier definition threshold for the first time, submit updated 2010 UWMPs, consistent with the 2010 UWMP Guidebook and verified as complete by DWR, before the execution of a grant agreement? If not, explain.

Yes

Q12. ELIGIBILITY

Have any urban water suppliers listed in Q10 recently submitted AB 1420 compliance tables and supporting documentation to DWR for a different grant program within the past three months? If so, please list the urban water supplier and the grant program. An urban water supplier must submit AB 1420 compliance documentation to DWR. If the urban water supplier has not submitted AB 1420 documentation, or that documentation was determined to be incomplete by DWR, the urban water supplier's projects will not be considered eligible for grant funding. Refer to Section IIIB of the Guidelines for additional information.

No.

Q13. ELIGIBILITY

Does the Proposal include any groundwater management or groundwater recharge projects or projects with potential groundwater impacts? If so, provide the name(s) of the project(s) and list the agency(ies) that will implement the project(s).

No

Q14. ELIGIBILITY

For the agency(ies) listed in Q13, how has the agency complied with CWC §10753 regarding GWMPs, as described in Section IIIB of the Grant Guidelines?

Not applicable.

Q15. ELIGIBILITY

Does the IRWM region receive water supplied from the Sacramento-San Joaquin Delta? Please answer yes or no. If no, please explain. If yes, please answer Question 16.

Yes

Q16. ELIGIBILITY

Does the existing IRWM Plan help reduce dependence on the Sacramento-San Joaquin Delta for water supply? Please answer yes or no. If no, please explain. If yes, please complete Attachment 15.

No. The Westside-San Joaquin region (44) has borne the disproportionate brunt of the rededication of managed surface water supplies conveyed through the Delta due to changes in State and federal regulations. The result is that many of our stakeholders can now expect to receive only 35 ??? 40% of their historical federal Central Valley Project contract entitlements on average. In response, the WIWRP was developed to maximize the utility of intra-regional water resources to help mitigate these losses but the plan can only do so much with the region???s scarce water resources. The WIWRP identifies alternatives to reduce the imbalance between water demand and supply through a series of drainage, flood control, groundwater management, land use, water conservation, water quality, water supply, water use efficiency proposals. The overarching goal of the WIWRP is to minimize regional conflict by addressing the most problematic sources of tension affecting our agricultural, municipal, and environmental water uses, namely water supply sufficiency and reliability, drainage, and water quality. In addition to regional management, the San Luis & Delta-Mendota Water Authority is collaborating with a number of state and federal agencies, local agencies, and non-governmental organizations to develop and implement the Bay Delta Conservation Plan. The BDCP essentially has two overarching goals: 1) to preserve, restore and enhance the Delta???s ecosystem and natural communities and 2) to restore and protect water supply, water quality, and ecosystem health. The region???s dependence upon the Delta for the conveyance of our CVP water is intended to be addressed through this process.

Q17. ELIGIBILITY

If an update to the plan takes place in the near future, will the updated plan continue to reduce dependence on the Sacramento-San Joaquin Delta for water supply? Please answer yes or no. If no, please explain. If yes, please complete Attachment 15.

No. The Water Authority continues to work with other Federal & State Water users to develop the Bay Delta Conservation Plan. This process is addressing reliance on the Delta.

Section : Application Attachments Tab

APPLICATION ATTACHMENTS TAB

A1. ATTACHMENT 1

Upload Authorization and Eligibility documentation here. Ensure file name is consistent with section V of the Implementation Grant PSP (disregard the 5 digit pin).

Last Uploaded Attachments: Att1_IG1_Authorization&Eligibility_1of1.pdf

Upload additional Authorization and Eligibility documentation here.

Upload additional Authorization and Eligibility documentation here.

Upload additional Authorization and Eligibility documentation here.

A2. ATTACHMENT 2

Upload Proof of Formal Adoption documentation here. Ensure file name is consistent with section V of the Implementation Grant PSP (disregard the 5 digit pin).

Last Uploaded Attachments: Att2_IG1_AdoptedPlan&Proof_1of1.pdf

Upload additional Proof of Formal Adoption documentation here.

Upload additional Proof of Formal Adoption documentation here.

Upload additional Proof of Formal Adoption documentation here.

Upload additional Proof of Formal Adoption documentation here.

A3. ATTACHMENT 3

Upload the Work Plan here. Ensure file name is consistent with section V of the Implementation Grant PSP (disregard the 5 digit pin).

Last Uploaded Attachments: Att3_PG1_WorkPlan_1of3.pdf

Upload additional work plan components here.

Last Uploaded Attachments: Att3_PG1_WorkPlan_2of3.pdf

Upload additional work plan components here.

Last Uploaded Attachments: Att3_PG1_WorkPlan_3of3.pdf

Upload additional work plan components here.

Last Uploaded Attachments: Exhibit 1-Appendix B.pdf

Upload additional work plan components here.

Last Uploaded Attachments: Exhibit 2 Appendix B.pdf

A4. ATTACHMENT 4

Upload the Budget here. Ensure file name is consistent with section V of the Implementation Grant PSP (disregard the 5 digit pin).

Last Uploaded Attachments: Att4_PG1_Budget_1of1.pdf

Upload additional budget components here.

Last Uploaded Attachments: Exhibit 3 Appendix B.pdf

Upload additional budget components here.

Last Uploaded Attachments: Exhibit 4 Appendix B.pdf

Upload additional budget components here.

Last Uploaded Attachments: Exhibit 5 Appendix B.pdf

Upload additional budget components here.

A5. ATTACHMENT 5

Upload the Schedule here. Ensure file name is consistent with section V of the Implementation Grant PSP (disregard the 5 digit pin).

Last Uploaded Attachments: Att5_PG1_Schedule_1of1.pdf

Upload additional schedule components here.

Upload additional schedule components here.

Upload additional schedule components here.

Upload additional schedule components here.

A6. ATTACHMENT 6

Upload Monitoring, Assessment, and Performance Measures here. Ensure file name is consistent with section V of the Implementation Grant PSP (disregard the 5 digit pin).

Last Uploaded Attachments: Att6_PG1_MonAssessPerfMeas_1of1.pdf

Upload additional Monitoring, Assessment, and Performance Measures here.

Upload additional Monitoring, Assessment, and Performance Measures here.

Upload additional Monitoring, Assessment, and Performance Measures here.

Upload additional Monitoring, Assessment, and Performance Measures here.

A7. ATTACHMENT 7

Upload Economic Analysis - Water Supply Costs and Benefits here. Ensure file name is consistent with section V of the Implementation Grant PSP (disregard the 5 digit pin).

Last Uploaded Attachments: Att7_PG1_EconAnWatSupC&B_1of1.pdf

Upload additional Economic Analysis - Water Supply Costs and Benefits documentation here.

Upload additional Economic Analysis - Water Supply Costs and Benefits documentation here.

Upload additional Economic Analysis - Water Supply Costs and Benefits documentation here.

Upload additional Economic Analysis - Water Supply Costs and Benefits documentation here.

A8. ATTACHMENT 8

Upload Water Quality and Other Expected Benefits here. Ensure file name is consistent with section V of the Implementation Grant PSP (disregard the 5 digit pin).

Last Uploaded Attachments: Att8_PG1_WatQualOthExpBen_1of1.pdf

Upload additional Water Quality and Other Expected Benefits documentation here.

Upload additional Water Quality and Other Expected Benefits documentation here.

Upload additional Water Quality and Other Expected Benefits documentation here.

Upload additional Water Quality and Other Expected Benefits documentation here.

Section : Application Attachments Tab (cont)

APPLICATION ATTACHMENTS TAB (CONT)

A9. ATTACHMENT 9

Upload Economic Analysis - Flood Damage Reduction Costs and Benefits here. Ensure file name is consistent with section V of the Implementation Grant PSP (disregard the 5 digit pin).

Last Uploaded Attachments: Att9_PG1_EconAnFldDamRedC&B_1of1.pdf

Upload additional Economic Analysis - Flood Damage Reduction Costs and Benefits documentation here.

Upload additional Economic Analysis - Flood Damage Reduction Costs and Benefits documentation here.

Upload additional Economic Analysis - Flood Damage Reduction Costs and Benefits documentation here.

Upload additional Economic Analysis - Flood Damage Reduction Costs and Benefits documentation here.

A10. ATTACHMENT 10

Upload Costs and Benefits Summary here. Ensure file name is consistent with section V of the Implementation Grant PSP (disregard the 5 digit pin).

Last Uploaded Attachments: Att10_PG1_CostBenefitsSummary_1of1.pdf

Upload additional Costs and Benefits Summary documentation here.

Upload additional Costs and Benefits Summary documentation here.

Upload additional Costs and Benefits Summary documentation here.

Upload additional Costs and Benefits Summary documentation here.

A11. ATTACHMENT 11

Upload Program Preference documentation here. Ensure file name is consistent with section V of the Implementation Grant PSP (disregard the 5 digit pin).

Last Uploaded Attachments: Att11_PG1_Programpreferences_1of1.pdf

Upload additional Program Preference documentation here.

Upload additional Program Preference documentation here. Upload additional Program Preference documentation here.

Upload additional Program Preference documentation here.

A12. ATTACHMENT 12

Upload Disadvantaged Community Assistance documentation here. Ensure file name is consistent with section V of the Implementation Grant PSP (disregard the 5 digit pin).

Last Uploaded Attachments: Att12_PG1_DisAdCommAssist_1of1.pdf

Upload additional Disadvantaged Community Assistance documentation here.

Upload additional Disadvantaged Community Assistance documentation here.

Upload additional Disadvantaged Community Assistance documentation here.

Upload additional Disadvantaged Community Assistance documentation here.

A13. ATTACHMENT 13

Upload AB 1420 and Water Meter Compliance documentation here. Ensure file name is consistent with section V of the Implementation Grant PSP (disregard the 5 digit pin).

Upload additional AB 1420 and Water Meter Compliance documentation here.

Upload additional AB 1420 and Water Meter Compliance documentation here.

Upload additional AB 1420 and Water Meter Compliance documentation here.

Upload additional AB 1420 and Water Meter Compliance documentation here.

A14. ATTACHMENT 14

Upload Consent Form here. Ensure file name is consistent with section V of the Implementation Grant PSP (disregard the 5 digit pin).

Upload additional Consent Form documentation here.

Upload additional Consent Form documentation here.

Upload additional Consent Form documentation here.

Upload additional Consent Form documentation here.

A15. ATTACHMENT 15

Upload IRWM Plan - Reduce Delta Water Dependence documentation here. Ensure file name is consistent with section V of the Implementation Grant PSP (disregard the 5 digit pin). For the "AttachmentName" in the naming convention of BMS, use "Delta" for this attachment.

Upload additional IRWM Plan - Reduce Delta Water Dependence documentation here.

Upload additional IRWM Plan - Reduce Delta Water Dependence documentation here.

Upload additional IRWM Plan - Reduce Delta Water Dependence documentation here.

Upload additional IRWM Plan - Reduce Delta Water Dependence documentation here.